

SMITH FROHWEIN TEMPEL GREENLEE BLAHA LLC  
 Two Ravinia Drive, Suite 790  
 Atlanta, Georgia 30346  
 Telephone (404) 815-9300  
 Fax (770) 804-0900

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Michael J. Tempel  
 (770) 709-0056 DIRECT DIAL  
[mtempel@lavagrouplaw.com](mailto:mtempel@lavagrouplaw.com)

**IMPORTANT FAX DOCUMENT**

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**DATE** March 1, 2006

**NAME** United States Patent and Trademark Office

**COMPANY**

**FAX NUMBER** (571) 273-8300

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**FROM** Michael J. Tempel *MJT*

**REFERENCE NO.** 10/602,374

**OUR FAX NUMBER** 770-804-0900

**NUMBER OF PAGES** 10

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**Fifth Response in Application No. 10/602,374  
 (Optical Source Having Integral Diffractive Element)**

Filed: June 23, 2003  
 Inventors: Yee Loong Chin et al.  
 Examiner: Erdem, Fazli  
 Art Unit: 2826  
 Conf. No. 1701  
 Docket No. 70030419-1 (01015.0160U1)

**CONFIDENTIALITY NOTE**

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AVAGO TECHNOLOGIES, INC.  
P.O. Box 1920  
Denver, Colorado 80201-1920

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MAR 01 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Yee Loong Chin et al.

Serial No.: 10/602,374

Examiner: Erdem, Fazil

Filing Date: June 23, 2003

Group Art Unit: 2826

Title: Optical Source Having Integral Diffractive Element

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Response/Amendment   | <input type="checkbox"/> Petition to extend time to respond |
| <input type="checkbox"/> New fee as calculated below   | <input type="checkbox"/> Supplemental Declaration           |
| <input checked="" type="checkbox"/> No additional fee (Address envelope to "Mail Stop Amendments") |   |
| <input type="checkbox"/> Other:  | (Fee \$ _____)  |

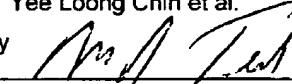
| CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY                            |  |                          |  |                          |                                  |   |
|---|--|--------------------------|--|--------------------------|----------------------------------|---|
| (1)<br>FOR  | (2)<br>CLAIMS REMAINING<br>AFTER AMENDMENT | (3)<br>NUMBER<br>EXTRA   | (4)<br>HIGHEST NUMBER<br>PREVIOUSLY PAID FOR | (5)<br>PRESENT<br>EXTRA  | (6)<br>RATE                      | (7)<br>ADDITIONAL<br>FEES               |
| TOTAL CLAIMS  | 10   | MINUS                    | 20   | = 0                      | X 50                             | \$ 0                                    |
| INDEP. CLAIMS   | 2  | MINUS                    | 3  | = 0                      | X 200                            | \$ 0                                    |
| <input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM |  |                          |  |                          | + 360                            | \$ 0                                    |
| EXTENSION FEE   | 1 <sup>ST</sup> MONTH<br>120.00            | <input type="checkbox"/> | 2 <sup>ND</sup> MONTH<br>450.00              | <input type="checkbox"/> | 3 <sup>RD</sup> MONTH<br>1020.00 | <input type="checkbox"/>                |
|   |  |                          |  |                          | 4 <sup>TH</sup> MONTH<br>1590.00 | <input type="checkbox"/>                |
|   |  |                          |  |                          | OTHER FEES                       | \$ 0                                    |
|   |  |                          |  |                          |                                  | TOTAL ADDITIONAL FEE FOR THIS AMENDMENT |
|   |  |                          |  |                          |                                  | \$ 0                                    |

Charge \$ 0 to Deposit Account 50-3718. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-3718 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-3718 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Yee Loong Chin et al.

By

  
Michael J. Tempel  
Attorney/Agent for Applicant(s)

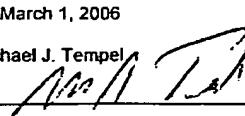
I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below:

Date of facsimile: March 1, 2006

Reg. No. 41,344

Typed Name: Michael J. Tempel

Date: March 1, 2006

Signature: 

Telephone No. (770) 709-0056

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Patent  
Avago Technologies Docket No.: 70030419-1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|  |                        |
|--|------------------------|
| In Re Application of: Yee Loong Chin <i>et al.</i> ) | Group Art Unit: 2826   |
| Application No.: 10/602,374 )                        | Examiner: Erdem, Fazli |
| Filed: June 23, 2003 )                               | Docket No.: 70030419-1 |
| For: <b>Optical Source Having Integral</b> )         | Confirmation No.: 1701 |
| <b>Diffractive Element</b> )                         |                        |

**FIFTH RESPONSE**

Mail Stop Amendment  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Smith Frohwein Tempel Greenlee Blaha LLC  
Customer Number 35856

Sir:

In response to the non-final Office Action mailed December 15, 2005, Applicants submit the following amendment and remarks.

The Listing of Claims begins on page 2 of this paper.

Remarks begin on page 5 of this paper.

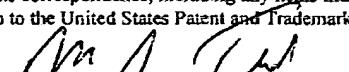
**AUTHORIZATION TO DEBIT DEPOSIT ACCOUNT**

It is not believed that extensions of time or fees for net addition of claims are required, beyond those, which may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. §1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to Avago Technologies Deposit Account No. 50-3718.

**CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 C.F.R. § 1.8**

I hereby certify that this correspondence, including any items indicated as attached or included, is being transmitted via facsimile transmission to the United States Patent and Trademark Office, (571) 273-8300, on the date indicated below.

Date: 3/1/06

  
Signature -Michael J. Tempel